

## Pseudo-Emotion Sound Expression System

### Abstract of the Disclosure

A sound synthesis device is used for an interactive device which is capable of interacting with a user. The interactive device includes a pseudo-emotion generator which is programmed to generate plural pseudo emotions based on signals received by the interaction device. The sound synthesis device includes: (i) a sound data memory which stores a different sound assigned to each pseudo emotion; (ii) a sound signal generator which receives signals from the pseudo-emotion generator and accordingly generates a sound signal for each pseudo emotion by retrieving the sound data stored in the sound data memory; (iii) a sound synthesizer which is programmed to synthesize a sound by combining each sound signal from the sound signal generator, wherein the user can recognize overall emotions generated in the interaction device; and (iv) an output device which outputs a synthesized sound to the user.

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